

FROM

UPC



C6665962

*INCLUDES 1 IN CHAMBER

CAPACITY*

MODEL 700 TM M24

ORDER NO. 5716

BARREL LENGTH

Remington



VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700 TM M24

SERIAL NO.
C6665962

ORDER NO.
5716

20

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.



5716 C6665962

ORDER **5716**
MODEL 700 TM M24
UPC



0 47700 25716 7

ORDER **5716**
MODEL 700 TM M24
UPC



0 47700 25716 7

GFM

CONTRACT # DAAA21-87-C-0086

GUN SERIAL #

C6665962

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock		9/25/91	KH
600	Proof		9/25/91	KH
607	Check Headspace		9/25/91	KH
610	Dis-assemble Gun		9/25/91	KH
612	Magnaflux Barrel Action		OCT 2 1991	KR
	Magnaflux Bolt		OCT 2 1991	KR
615	Rollmark Caliber		OCT 2 1991	GL
617	Drill and Tap Sight Holes		OCT 2 1991	LB
618	Polish Barrel		OCT 4 1991	WB
620	Apply Coatings (Barrel Action)		10/14/91	JA
	Apply Coating (Bolt)		10/14/91	JA
625	Final Assembly A) Clean inside of Bolt Assembly		10/29/91	KH
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		10/29/91	KH
	C) Inspect Ejector Hole for Chamfer		10/29/91	KH
	D) Oil Firing Pin Ass'y		10/29/91	KH
	E) Adjust Trigger Pull to Min Setting and Stake		10/30/91	JA

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	5	54	4 1/2			10-30-91	DH
	G) Safety Off Force	2 1/2	2 1/2	2 1/2			10-30-91	DH
	H) Trigger Pull Test & Retainability						10/30/91	JL
	I) Firing Pin Indent	.020	.020	.020			10-30-91	DH
	J) Assemble Stock						10/30/91	YK
	K) Assemble Swivel Studs						11-12-91	AC
	L) Attach Front and Rear Sight Assemblies						10/30/91	YK
	M) Iron Sight Alignment						10/30/91	YK
	N) Detach Front & Rear Sights & place in numbered container						10/30/91	YK
	O) Attach Scope to Rifle						10/30/91	YK
	P) Detach & Attach Scope 20 Times						10/30/91	YK
640	Gallery Target & Test						10/31/91	YK
	A) Time							YK
	B) Malfunctions							YK
	C) Pierced Primers							YK
	D) Optical Clarity of Scope							YK
645	Inspect for Live Ammo						10/31/91	YK
655	Final Inspection							
	A) Headspace						11-12-91	AC
	B) Trigger Pull	237	237	247	245	242	11-5-91	DH
	C) Function						11-12-91	AC
660	Pack						12-18-91	YK

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C-6665962
DATE 10/30/91
TESTER JH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.24	2.45	2.50	2.37	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.52	2.47	2.53	2.37	
PULL #3	2.44	2.53	2.48	2.47	
PULL #4	2.41	2.53	2.49	2.45	
PULL #5	2.47	2.52	2.51	2.42	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.41	3.54		
PULL #2	3.42	3.49		
PULL #3	3.43	3.59		
PULL #4	3.42	3.52		
PULL #5	3.49	3.59		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.21	4.48		4.62
PULL #2	4.28	4.39		4.59
PULL #3	4.24	4.55		4.62
PULL #4	4.52	4.40		4.51
PULL #5	4.46	4.61		4.53
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6665962
31 Oct 1991

CENTROIDAL DISTANCES

0 TO 1	.381635
1 TO 2	.242396
1 TO 3	.378889
1 TO 4	.275944
1 TO 5	.59876

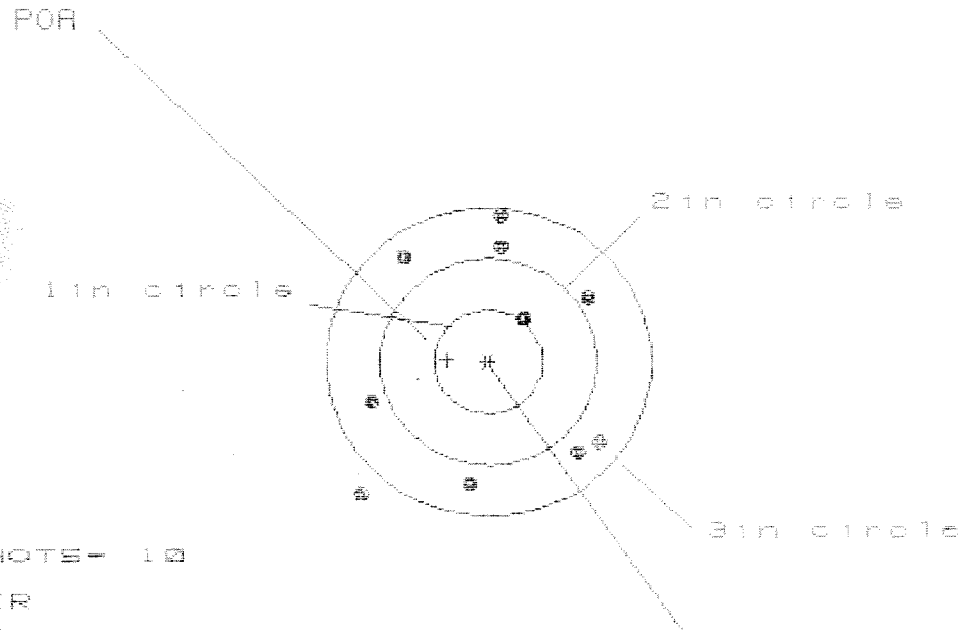
59² <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .1422
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0456
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .149333
THE AMR FOR THIS RIFLE IS: .9442

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C8565962

CENTERFIRE PATTERNS # 1



OF SHOTS= 10

IN CIR

1in = 0

2in = 1

3in = 9

HE= 2.174

VS= 2.728

GS= 3.010

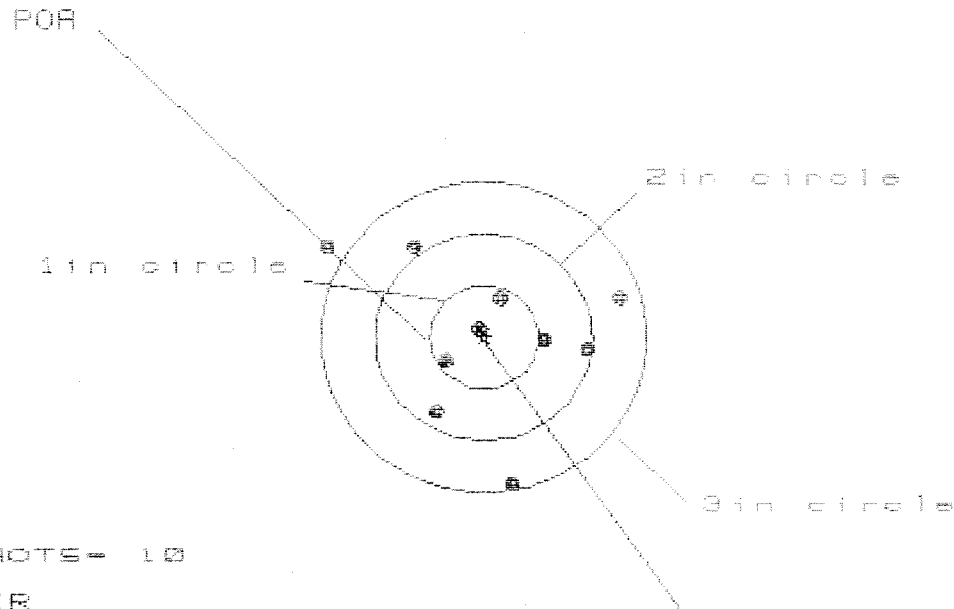
CENTROID #

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.982	.849	.843
MINIMUM X	:	-1.192	-1.221	-1.227
MAXIMUM Y	:	1.428	1.283	1.104
MINIMUM Y	:	-1.388	-1.345	-1.184
CENTROID X	:	.381	.514	.528
CENTROID Y	:	-.022	.123	-.037
POA TO CENTROID in.	:	.382	.528	.521
MIN RADIUS	:	.525	.331	.471
MEAN RADIUS	:	1.201	1.103	1.087
MAX RADIUS	:	1.764	1.377	1.344
HORIZONTAL SPREAD	:	2.174	2.070	2.070
VERTICAL SPREAD	:	2.728	2.628	2.288
EXTREME SPREAD	:	3.010	2.639	2.493
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		1	
NUMBER IN THREE INCH CIRCLE	=		9	

31 Oct 1991

FILE:/PATTERNING/CENTERFIRE_PATT/06663962

CENTERFIRE PATTERNS # 2



OF SHOTS= 10

IN CIR

1in = 3

2in = 5

3in = 9

HS= 2.638

VS= 2.338

GS= 2.887

CENTROID #

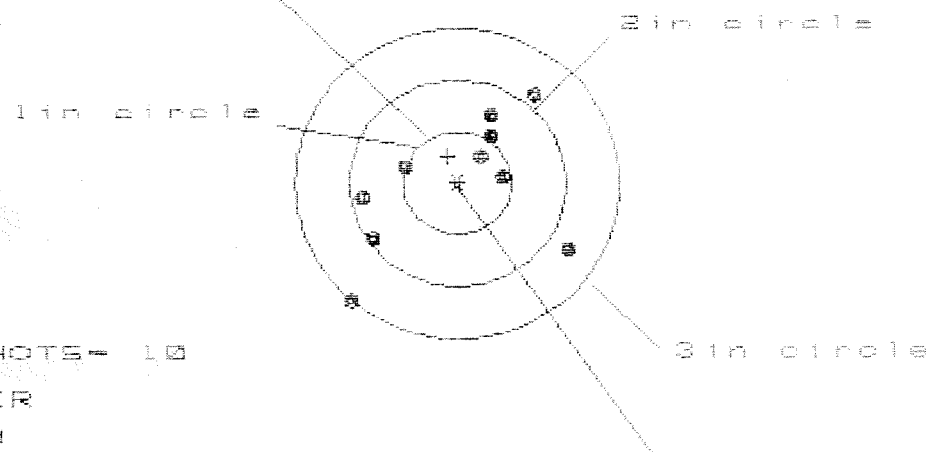
PATTERN #	:	2		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.224	1.067	1.075
MINIMUM X	:	-1.414	-.816	-.808
MAXIMUM Y	:	.916	1.011	.845
MINIMUM Y	:	-1.422	-1.327	-.816
CENTROID X	:	.347	.504	.496
CENTROID Y	:	.218	.123	.289
POR TO CENTROID in.	:	.410	.519	.574
MIN RADIUS	:	.149	.327	.245
MEAN RADIUS	:	.886	.801	.711
MAX RADIUS	:	1.655	1.328	1.169
HORIZONTAL SPREAD	:	2.638	1.883	1.883
VERTICAL SPREAD	:	2.338	2.338	1.661
EXTREME SPREAD	:	2.887	2.498	2.036
NUMBER IN ONE INCH CIRCLE =			3	
NUMBER IN TWO INCH CIRCLE =			6	
NUMBER IN THREE INCH CIRCLE =			9	

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FILE:/PATTERNING/CENTERFIRE_PATT/C8B65362

CENTERFIRE PATTERNS # 3

POA



OF SHOTS= 10

IN CIR

1in = 3

2in = 7

3in = 10

HS= 1.972

VS= 2.055

GS= 2.664

CENTROID *

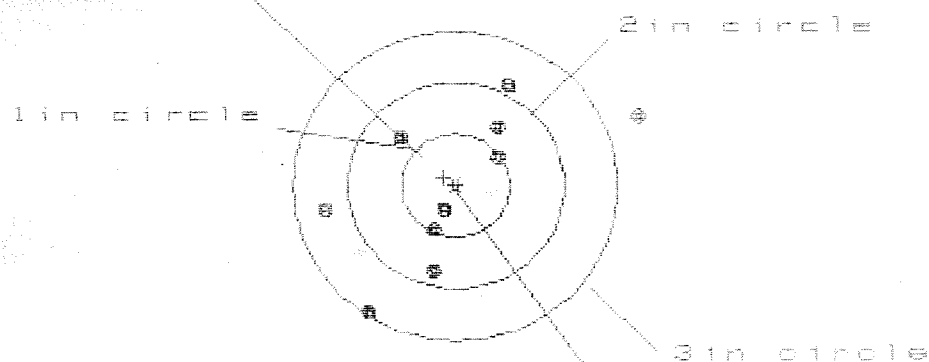
PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.026	.921	.759
MINIMUM X	:	-.946	-.957	-.842
MAXIMUM Y	:	.909	.781	.685
MINIMUM Y	:	-1.147	-.768	-.761
CENTROID X	:	.087	.192	.077
CENTROID Y	:	-.261	-.133	-.037
POA TO CENTROID in.	:	.275	.234	.086
MIN RADIUS	:	.350	.185	.225
MEAN RADIUS	:	.813	.695	.627
MAX RADIUS	:	1.487	1.199	1.064
HORIZONTAL SPREAD	:	1.972	1.878	1.601
VERTICAL SPREAD	:	2.055	1.549	1.446
EXTREME SPREAD	:	2.664	2.085	2.085
NUMBER IN ONE INCH CIRCLE	=		3	
NUMBER IN TWO INCH CIRCLE	=		7	
NUMBER IN THREE INCH CIRCLE	=		10	

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FILE:/PATTERNING/CENTERFIRE_PATT/C8685962

CENTERFIRE PATTERNS # 4

POA



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 2.922

VS= 2.244

GS= 3.214

CENTROID *

PATTERN #	1	4	8
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.730	.729	.646
MINIMUM X	-1.192	-1.000	-1.083
MAXIMUM Y	.981	1.053	.904
MINIMUM Y	-1.264	-1.191	-.898
CENTROID X	.110	-.082	.001
CENTROID Y	-.074	-.146	.003
POA TO CENTROID in.	.132	.167	.003
MIN RADIUS	.249	.130	.277
MEAN RADIUS	.925	.799	.733
MAX RADIUS	1.848	1.362	1.128
HORIZONTAL SPREAD	2.922	1.729	1.729
VERTICAL SPREAD	2.244	2.244	1.802
EXTREME SPREAD	3.214	2.639	2.116
NUMBER IN ONE INCH CIRCLE =		2	
NUMBER IN TWO INCH CIRCLE =		6	
NUMBER IN THREE INCH CIRCLE =		8	

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FILE:/PATTERNING/CENTERFIRE_PATT/C8665962

CENTERFIRE PATTERNS # 5

POA

1in circle

2in circle

3in circle

OF SHOTS= 10

IN CIR

1in = 3

2in = 6

3in = 10

HS= 2.519

VS= 2.077

GS= 2.662

CENTROID #

PATTERN #

:

5

SHOTS (BEST OF)

:

10

9

8

MAXIMUM X

:

1.223

1.098

.879

MINIMUM X

:

-1.295

-1.421

-1.284

MAXIMUM Y

:

.940

.933

.675

MINIMUM Y

:

-1.107

-1.032

-.928

CENTROID X

:

-.214

-.089

-.226

CENTROID Y

:

-.089

-.194

-.298

POA TO CENTROID in.:

:

.232

.213

.374

MIN RADIUS

:

.226

.063

.139

MEAN RADIUS

:

.896

.783

.714

MAX RADIUS

:

1.468

1.445

1.336

HORIZONTAL SPREAD

:

2.519

2.519

2.163

VERTICAL SPREAD

:

2.077

1.865

1.603

EXTREME SPREAD

:

2.662

2.662

2.167

NUMBER IN ONE INCH CIRCLE =

:

3

NUMBER IN TWO INCH CIRCLE =

:

6

NUMBER IN THREE INCH CIRCLE =

:

10